|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| m | **11** | kg |  |  |
| v1 | **25** | m /s | 3437,5000 | J (Ec1) |
| v2 | **7** | m /s | 269,5000 | J (Ec2) |
| t | **3** | s | -6,0000 | m/s2 (a) |
|  | **0,6** |  | 3104,6400 | J (T/ f) |
| **y** | **0** | 100 | 48,0000 | m (d) |
| **x** | **100** |  | 0,0000 | m (h) |
|  |  |  | 0,0000 | J (Eg2) |
|  | T= Ec2+T/f+Epg2-Ec1 | | |  |
|  |  | **T** | **-63,3600** | **J** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| x | **32** | cm | 0,3200 | m |
| m | **3** | kg | 29,4000 | N (w) |
| k | **250** | N/m | 12,8000 | J (Epe1) |
|  | **0,35** |  | 3,2928 | J (Tf ) |
| º | **0** | **0,00** |  |  |
|  | 1 | **1** |  |  |
|  | Epe1 + Epg1 - Rf\*d = 0 | | |  |
|  | L = (Epe1 / (w\*(\*cos-sen))) -x | | | |
|  |  | **L** | **1,2439** | **m** |
|  | d = (L-x)\*100 | |  |  |
|  |  | **d** | **92,3926** | **cm** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| m | **400** | kg | 3920,0000 | N (w) |
| v1 | **6** | m/s | 7200,0000 | J (Ec1) |
| v2 | **0** | m/s | 0,0000 | J (Ec2) |
| t | **4** | s | -1,5000 | m/s2 (a) |
| h = ( v22 -v12 )/ 2 aY | | | 12,0000 | m/s2 (h) |
|  |  |  | 47040,0000 | J (Eg1) |
|  | T = (EC2 -EPG1 -EC1) | | |  |
|  |  | **T** | **39840,0000** | **J** |
|  | P = (T / t) \*(1 /746) | | |  |
|  |  | **P** | **13,3512** | **HP** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| m | **2** | kg |  |  |
| D | **no** | cm | #¡VALOR! | m |
| d | **0** | m | 0,0000 | m |
|  | **0,15** |  |  |  |
| º | **25** | **0,47** |  |  |
|  | 1,1034 | **1** |  |  |
|  | RF MAX =  \*m \*g \*cos | | |  |
|  |  | **RF MAX** | **2,6645** | **N** |
|  | RF = (2/7) \*m \*g \*sen | | |  |
|  |  | **RF =** | **2,3667** | **N** |
|  |  | **NO** | **se desliza** |  |